

# TREVOR REED

Construction Shift/Site Manager,  
Senior Pipe/Plant/Fabrication  
Engineer/Superintendent

e-mail: trevor.reed80@yahoo.com Tel: 07766221388

## Profile

A highly motivated responsible construction site manager/mechanical engineer with extensive knowledge of all BS EN/ISO/ASME construction codes. Specialising in complex Piping systems, Mechanical plant/equipment, HVAC installation systems, Bespoke installations for the power, petro/chemical, nuclear, steel, water industries, new build, commercial and renovation projects.

- Excellent knowledge and understanding of multi product technology, material specifications and fabrication including installation processes.
- Qualified to supervise the installation of site equipment including pressure vessels, hydraulic/pneumatic piping systems, power boilers & steam turbine equipment, & fabricated products in accordance with relevant construction codes.
- Excellent experience in Fabrication and Welding in the Workshop environment.

Understand the companies' health/safety & environmental policies.

### OBJECTIVE

Continuously strive to possess all the attributes and skills essential to excel within the field of construction management, advancing my career to a higher level;

## Qualifications

- HNC Mech Eng
- City & Guilds 1EOSH
- First Aider
- P4 Pass Holder
- Pressure Testing AP
- Apprentice Trained Plater
- CSCS/CCNSG cards.
- Management Engineering Studies.

## Skills

- Thorough knowledge of ISO's, P&IDs & weld maps for piping systems.
- Administrative proficiency.
- Detailed, methodical approach in the management of sub-contract labour.
- Highly motivated and pro-active.
- Confident client/Main Contractor liaising.
- Work within multi-disciplined project teams.
- Obligation and authority to deliver results.
- Quick to mobilise.
- Excellent Man-Management Skills.
- Projects up to the value of £850m.

## Experience

### Mechanical Engineer/Mechanical Installations Manager (cover).

Balfour Beatty Kirkpatrick. Box Encapsulation Plant, Sellafield, Cumbria Jan 2017– Present. Submit all documentation to the client for approval.

- Prepare RAMS, inspection documentation for Client approval.
- Preparing and delivering daily tool box talks/safety briefs.
- Daily site walk-down with client representative demonstrating safe working practices are maintained in compliance with company and client requirements.
- Signatory on behalf of Balfour Beatty for CVIs, variations, signing requisitions, signing timesheets etc.
- Organise and chair RAMS Peer Reviews.

- Liaising with and controlling Subcontractors, including monitoring all safety aspects and reviewing performance.
- Ensure all installation work is completed to the highest standards.
- Ensure as-built drawing are as per installation.
- Submit technical queries to the client and close out remedial work as necessary.
- Ensure site registers are updated on a daily basis.
- Attend Progress, IR and Safety Meeting.

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## **Construction Shift Manager**

Costain Oil Gas & Process, Evap-D Project, Sellafield, Cumbria Mar 2012 – Dec 2017

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Ensuring the safe installation of high integrity plant, associated equipment and piping systems in accordance with Sellafield construction codes. Co-ordinating the installation of civil, mechanical and electrical systems at pre-fabricated modules, ensuring safe working practice is followed in accordance with RAMS and company procedures. Working in clean environment ie. Cells. Leading by example in safety, health, environmental, welfare performance and obtain all personal competency cards in line with company policy e.g. CSCS/CCNSG. Ensuring system/sub system handover is aligned with the project requirements for effective Implementation of all system pressure tests including document control, risk management, control of records e.g.

- Submit all documentation to the client for approval.
- Ensure the latest AFC packs are issued and closed out by the site teams.
- Preparing and delivering daily tool box talks/safety briefs.
- Daily site walk-down with client representative demonstrating safe working practices are maintained in compliance with company and client requirements.
- Signatory on behalf of main Contractor/Sub Contractor for CVIs, variations, signing requisitions, signing timesheets etc..
- Providing technical support for hydro-testing activities as required.
- Liaising with and controlling Subcontractors, including monitoring all safety aspects and reviewing performance.
- Ensure all ICLs and any reservation completed.
- Ensure all "A" punch-list items are completed prior to pressure test.
- Ensure as-built drawing are as per installation
- Submit technical queries to the client and close out remedial work as necessary
- Ensure site registers are updated on a daily basis
- Liaise with the client, contractor and commissioning teams on all matters relating to the installation and handover documentation
- Attend all progress and safety meeting.

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## **TECHNICAL ADVISOR/SENIOR MECHANICAL MANAGER**

Bespoke Metalwork's Ltd July 2011 - Mar 2012

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Responsible for the planning and installation of pressure vessels and heat exchangers at various oil refineries in the UK. Delivering to all discipline levels including the co-ordinated removal of lagging at piping/vessels/furnaces/heat exchangers and erection of scaffold to access critical areas prior to shut-down program.

- Generate /hot/cold work permits and ensure sign on/off daily at block one area confirming correct tagging systems for vessel access/egress.
- Lease with client representative at start-up daily brief ensuring RAMS are in line with current tasks.
- Monitoring shutdown progress ensuring safe working and reporting of problems or improvements that are recognised in the field.
- Timely co-ordination of scaffold assembly/disassembly for access to plant equipment/piping systems.
- Collate daily reports for start-up meeting progress brief with client.

## **SUPERINTENDENT/GENERAL FOREMAN**

Amec PLC Yarm Rd, Darlington, Durham July 2009 – June 2011

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Overseeing and co-ordinating installation programme of three combined cycle gas turbines/steam turbines and associated balance of plant piping/equipment/HVAC Systems at a new build power station (CCGT).

- Take area ownership of plant, equipment, piping systems etc, ensuring correct materials and consumables are sourced prior to work schedule.
- Liaise with client representative at start-up daily brief ensuring RAMS are in line with current tasks, all permits are signed and area is hazard free.
- Personnel fully briefed with their tasks, tool box talks used to emphasise all safety aspects and importance of maintaining field housekeeping.
- Monitoring all work during construction, ensuring correct material/consumables are maintained for full traceability.
- Timely co-ordination of scaffold assembly/disassembly for access to plant equipment/piping systems.
- Request NDT where applicable, clearly identifying line number/weld numbers/welder I.D for full traceability.
- Collate daily reports and any red-line remedial work necessary in the field before final handover.

## **MECHANICAL ENGINEER/PROJECT MANAGER**

Bespoke Metalwork's Ltd Aug 2004 – July 2009

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Manufacture, installation and commissioning of small, medium and large component products e.g. biomass fired boilers, rotating equipment, turbine of various KW, piping/valve systems, columns, silos, vessels, heat exchangers and HVAC systems for the power/gas/petro-chem/gas storage/water facilities, new build/commercial fit outs throughout the UK.

- Delivery of tool box talks to emphasise the importance of all safety aspects at all site facilities.
- Generate risk assessments and job method statements for plant installation.
- Attend progress, coordination meetings.
- Monitoring and supervising all work during construction ensuring safe systems of work are maintained.
- Maintaining registers of new plant items including valve/PSV identification register and flange make-up stores register.
- Ensure consumable stores hold sufficient stock for completion of current projects and request consumables where necessary.
- Collate daily timesheets and maintain consumable register.
- Site mobilization/de-mobilization.
- Large Commercial/Residential Fit Outs.

## **FIELD SERVICE ENGINEER/SITE MANAGER**

Tapco International Ltd Barnsley March 2002 – Aug 2004

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Manufacture, installation, repair and commissioning of complex slide valves for the power/gas/petro-chem facilities throughout the UK, Europe & USA.

## **SECTION ENGINEER**

ABB UK Ltd Derby Nov 1993 – Mar 2002

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Working throughout the UK at various gas/oil/power/steel facilities, installing large component products and process equipment to client Specification.

## **References**

Available on Request.